Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 30 Sep 2023 until 23:59 on Sunday 01 Oct 2023

Forecast Issued on Saturday 30 Sep 2023 at 04:06

Confidence: Some uncertainty remains for rainfall details until early Tuesday. High for showery conditions thereafter.

Headline for Saturday 30 Sep 2023: Dry initially, turning wet and windy this afternoon and evening.

Mountain weather hazards on Saturday 30 Sep 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Light rain	Heavy Rain	Light rain	Light rain
Precipitation probability					
00%	<05%	40%	80%	80%	70%

Forecast for Saturday 30 Sep 2023

Weather: Some bright or sunny spells this morning, before cloud thickens and rain arrives late morning from the southwest. This afternoon and evening the rain will become persistent, and also heavy at times, with hill fog developing.

Chance of cloud-free hill tops above 600m: 80% this morning, decreasing 20% this evening.

Low cloud and visibility: Good visibility with good air clarity this morning, some patchy cloud down to 500 metres at first. Hill fog down to 300 metres developing this evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 30 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 SW	12/15 SW	14/18 S	17/23 S	24/32 S	27/37 S	26/36 SW
300	7/13 S	9/11 S	10/15 S	12/18 S	19/29 S	21/31 S	19/28 SW
Valley	3/12 S	5/10 S	6/13 S	9/18 S	11/26 SE	12/28 S	12/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	9/6	10/7	10/6	10/6	12/7	13/9
300	10/9	12/10	12/10	12/10	12/9	14/10	15/12
Valley	10/10	12/12	13/12	13/11	13/11	14/12	15/13
Freezing Level*	1900m	1700m	2000m	3600m	3600m	3500m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strengthening winds in the afternoon will make for slow progress. Combined with heavy rain this will lead to drenching conditions and a notable wind chill. Best of the conditions this morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 30 Sep 2023	N/A	N/A	N/A

Forecast for Sunday 01 Oct 2023

Weather: Most likely remaining wet overnight with spells of often heavy rain. However, the rain may move just to the north of the Peak District leaving widespread hill fog. Remaining overcast through the morning and most of the afternoon, with outbreaks of light rain and drizzle likely. Drier conditions will arrive late afternoon, with clear spells developing through the evening.

Maximum wind: Southwesterly 20-25 mph with gusts to 35-40 mph on the summits, easing later.

Chance of cloud-free hill tops above 600m: 10% overnight, then gradually improving 40% by late morning and 90% through the afternoon.

Low cloud and visibility: Poor in low cloud down to 300 metres at first, this gradually breaking and lifting, with cloud largely above the summits by late afternoon and excellent visibility developing.

Temperature: **Valleys:** Plus 16 Celsius
At 600m: Plus 13 Celsius decreasing 10 Celsius
Freezing level: Above summits

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